C6.4 Spread footings

C6.4.1 General

C6.4.1.1 Policy overview

C6.4.1.2 Design information

C6.4.1.3 Definitions

C6.4.1.4 Abbreviations and notation

C6.4.1.5 References

C6.4.2 Loads

C6.4.3 Load application

C6.4.3.1 Load modifier

C6.4.3.2 Limit states

C6.4.4 Footings on rock

C6.4.4.1 Analysis and design

Methods Memo No. 211: Office Guidelines for Mass Concrete and Temperature and Shrinkage Reinforcing
1 September 2009

See C6.6.4.1.3.1.

Methods Memo No. 192: LRFD Office Guidelines for Temperature and Shrinkage Reinforcing in Pier Footings
1 March 2008

See C6.6.4.1.3.1.

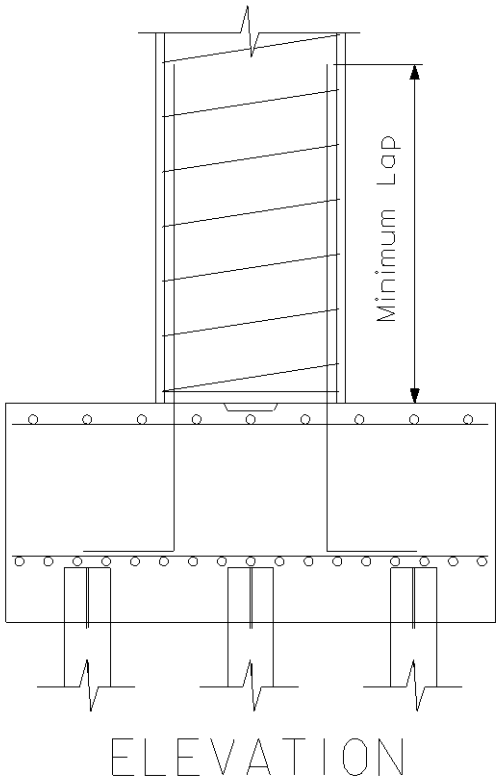
Methods Memo No. 3: Punching Shear and Wide Beam Shear
21 March 2001 (Revised 29 January 2003, only applicable with respect to the 5-foot thickness at which heat of hydration becomes a concern)

See C6.6.4.1.3.1.

C6.4.4.2 Detailing

Methods Memo No. 75: End Bar Clearances for Horizontal Construction Joints
6 July 2005

To be consistent in our detailing practices and bar length calculations, please use the following guidelines. When detailing horizontal construction joints, such as joints for column to footing connections or floor to wall connections for box culverts, assume the ends of the vertical bars rest on the construction joint and base the bar length using no clearance. See sample detail below. This policy should be used on projects that have not been detailed.



C6.4.5 Footings on soil

C6.4.5.1 Analysis and design

C6.4.5.2 Detailing

Appendix for obsolete and superseded memos